

REMARKS/ARGUMENTS

Claims 1, 2, 6-11, 14-17, 19-21 and 25-34 are pending in the present application. Claims 3-5, 12, 13, 18, and 22-24 have been cancelled by the above amendment which also adds new claims 33 and 34.

Reasons For Entering Amendment After Final

The above amendments add the features of already-pending dependent claims to the independent claims. Specifically, the features of claims 3-5 have been added to independent claim 1. Also, the features of claims 12 and 13 have been added to independent claim 11. In addition, independent claim 16 has been amended to include the features of claim 18. Also, independent claim 20 has been amended to include the features of dependent claims 22-24. Furthermore, Applicants have cancelled more claims than they have added. Lastly, the newly filed claims 33 and 34 are method claims generally corresponding to amended apparatus claim 20 and its dependent claim 26, respectively. Thus, no new issues have been raised and this Amendment After Final should be entered.

Art Rejections

Claims 1, 3, 4, 6, 8-12, 20, 22, 23, 25, and 27-30 are rejected under 35 U.S.C. §102(b) as being anticipated by Blatter (USP 6,016,348). Furthermore, claims 2, 5, 13, 16-18, 21, and 24 are rejected under 35 U.S.C. §103(a) as being unpatentable over Blatter in view of Ohishi (USP 5,909,257). In addition, claims 7, 14, 15, 26, 31 and 32 are rejected under 35 U.S.C. §103(a) as being unpatentable over Blatter in view of Freimann (USP 6,604,243). Lastly, claim 19 is rejected under 35 U.S.C. §103(a) as being unpatentable over Blatter, Ohishi, and Freimann.

These rejections, insofar as they pertain to the presently pending claims, are respectfully traversed.

Adding the respective features of claims 5, 13, 18, and 24 to independent claims 1, 11, 16, and 20 effectively renders the § 102(b) Blatter rejection moot. Indeed, Ohishi is relied upon in combination with Blatter under 35 U.S.C. § 103(a) to reject these features. For at least this reason the § 102(b) rejection based on Blatter should be reconsidered and withdrawn.

The Office Action specifically admits that the primary reference, Blatter, does not disclose the feature of wherein a specific value is substituted for the PID (Program Identification) value of a packet for transmitting an ES (Elementary Stream) described in the PMT (Program Mapping

Table). Ohishi is relied upon to teach this feature. According to the Office Action, specific default values are substituted for the PID values of the video and audio screens to generate a new PSSI (Program Specific Subsidiary Information) Table.

In sharp contrast, however, Ohishi does not substitute a specific value for the PID value of a packet for transmitting an Elementary Stream described in PMT to thereby generate the PMT. The portions cited in the Office Action (col. 11, lines 35-42 and col.12, lines 5-14 as well as Fig. 18) utilize the PSSI instead of the PAT and PMT Tables. More specifically, and as discussed in col. 11, lines 29-34, the PSSI is recorded as a specific PID packet instead of recording the PAT and PMT Tables. While it is true that default values identify specific PID packets in the PSSI, there is no disclosure or suggestion in any of the applied art of an information table generator that substitutes a specific value for a PID value to generate a PMT. Instead, Ohishi generates PSSI's, not new PMT's.

Claim 1 has been amended to incorporate the distinctions above, particularly the information table substitution unit and the further specification that the second specific information table is a PMT.

Furthermore, the specific value substitution to generate a new PMT as now recited in amended claim 1, permits the

reproduction unit to reproduce the transmitted packet stream without verifying the contents of the PAT or PMT. This advantage is not achieved by Ohishi even when taken in combination with Blatter.

Likewise, the combination of Blatter and Ohishi also fail to disclose or suggest the features of amended independent claim 11. More specifically, the applied art does not disclose or suggest any of the features added to claim 11, particularly the language which specifies that wherein a specific value is substituted for the PID value of a packet transmitting an ES described in a PMT. The applied art also does not disclose or suggest the claimed information table insertion unit of amended claim 1 which has a function with which the specific value is substituted for the PID value of a packet transmitting an ES contained in the packet stream transmitted.

Furthermore, the combination of Blatter and Ohishi also does not disclose or suggest the information table generator or output information insertion unit now recited in amended claim 16. More specifically, Ohishi does not disclose or suggest (even when taken alone or in combination with Blatter) the feature of an information table generator which has a function with which the PID value of an ES to be described is subjected to an arbitrary alteration, to generate the predetermined information

table. More significantly, the applied art does not disclose or suggest an output information insertion unit which has a function with which the value obtained by the alteration to the PID value is substituted for the PID value of a packet transmitting an ES contained in the packet stream transmitted.

In addition, the amended features of independent claim 20 are also not taught or suggested by the applied art. Most specifically, Ohishi (even when taken in combination with Blatter) does not disclose or suggest the claimed information table generator which has the claimed function with which a specific value is substituted for the PID value of a packet for transmitting an ES (Elementary Stream) described in the PMT, to thereby generate the PMT. Nor does Ohishi disclose or suggest an information table substitution unit which has a function with which the specific value is substituted for the PID value of a packet for transmitting an ES contained in the packet stream transmitted.

Likewise, the features of independent claim 30 are also not disclosed or suggested by the applied art. Specifically, the combination of the claimed information table insertion unit which has a function with which the specific value is substituted for the PID value of a packet transmitting an ES contained in the packet stream transmitted is a feature not

found or suggested by Ohishi even when taken in combination with Blatter. This is particularly true when the information table insertion unit is read in conjunction with the other features of the claim including the information table generator, information table insertion unit, and the wherein clause that substitutes a specific value for the PID value of a packet transmitting an ES described in a PMT in the program information index. This combination of features is simply not found or suggested by the applied art.

Further in regards to claim 16, the Examiner is first respectfully referred to the arguments above. Applicants also assert the following.

Further in regards to claim 16, it is noted that claim 16 defines "said packet stream recorded in said recording reproduction unit does not conform to a predetermined standard."

The storage device 90 and the storage medium 105 shown in Fig. 1 of Blatter arguably correspond to the "record and reproduction unit" recited in claim 16. In Blatter, however, even if a data stream that does not conform with MPEG stand is received, as result of addition of CPSI by MUX 110, the data stream output from MUX 110 is MPEG compatible. Since the data stream output from MUX 110 is recorded via the interface 95 in the record and reproduction unit (the storage device 90 and the

storage medium 105), the data stream that is MPEG compatible is recorded in the record and reproduction unit (col. 12, lines 17-32). Thus, Blatter does not disclose or suggest that "said packet stream recorded in said record and reproduction unit does not conform to a predetermined standard."

Ohishi discloses (in col. 8, lines 20-27, as identified in the Office Action) that the PAT conveyed by the reproduced data streams are modified. However, modification of PAT in Ohishi and modifying the data stream that does not conform with MPEG standard to be an MPEG compatible data stream in Blatter are irrelevant.

The newly presented independent claim 33 also presents allowable features similar to those argued above. Thus, the newly submitted independent claim 33 and its dependent claim 34 are also considered allowable over the art of record.

As to the Freimann patent applied by the Office Action, Applicants respectfully submit that Freimann does not remedy any of the noted deficiencies in the base combination of Blatter or Blatter and Ohishi. Indeed, Freimann is merely applied to teach the features of certain dependent claims which are not being relied upon for patentability at this time. Therefore, the full combination of Freimann with either Blatter or the other base

combination of Blatter and Ohishi fails to disclose or suggest the invention as recited in the independent claims.

Because all of the dependent claims necessarily include the features of their respective independent claims (1, 11, 16, 20 or 30), the dependent claims should be considered allowable at least for the same reasons asserted for the independent claims above.

For all of the above reasons taken alone or in combination, Applicants respectfully request reconsideration and withdrawal of the prior art rejections.

Conclusion

In view of the above amendments and remarks, the Examiner is respectfully requested to reconsider the outstanding rejections and issue a Notice of Allowance in the present application.

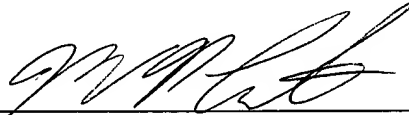
Should the Examiner believe that any outstanding matters remain in the present application, the Examiner is respectfully requested to contact Michael R. Cammarata (Reg. No. 39,491) at the telephone number of the undersigned to discuss the present application in an effort to expedite prosecution.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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